

Serial Number: 09/265,585A

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: *Seq 2 - corrected amino acid numbering*

RECEIVED

FEB 08 2001

TECH CENTER 1600/2900

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form. 3/1/95

1646

RAW SEQUENCE LISTING DATE: 02/01/2001
 PATENT APPLICATION: US/09/265,585A TIME: 13:58:40

Input Set : A:\5914-066 SEQUENCE LISTING.TXT
 Output Set: N:\CRF3\02012001\I265585A.raw

**Does Not Comply
 Corrected Diskette Needed**

4 <110> APPLICANT: Philip N. BENFEY
 5 Laura Di LAURENZIO
 6 Joanna WYSOCKA-DILLER
 7 Jocelyn E. MALAMY
 8 Leonard PYSH
 9 Yrjo HELARIUTTA
 10 Jun LIM
 12 <120> TITLE OF INVENTION: Scarecrow Gene, Promoter and Uses Thereof
 14 <130> FILE REFERENCE: 5914-066-999
 16 <140> CURRENT APPLICATION NUMBER: 09/265,585A
 17 <141> CURRENT FILING DATE: 1999-03-10
 19 <150> PRIOR APPLICATION NUMBER: 08/842,445
 20 <151> PRIOR FILING DATE: 1997-04-24
 22 <150> PRIOR APPLICATION NUMBER: 08/638,617
 23 <151> PRIOR FILING DATE: 1996-04-26
 25 <160> NUMBER OF SEQ ID NOS: 144
 27 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

111 <210> SEQ ID NO: 2
 112 <211> LENGTH: 653
 113 <212> TYPE: PRT
 114 <213> ORGANISM: Arabidopsis thaliana
 116 <400> SEQUENCE: 2
 118 Met Ala Glu Ser Gly Asp Phe Asn Gly Gly Gln Pro Pro Pro His Ser 1
 E--> 119 5 10 15
 121 Pro Leu Arg Thr Thr Ser Ser Gly Ser Ser Ser Asn Asn Arg Gly
 E--> 122 20 25 30
 124 Pro Pro Pro Pro Pro Pro Pro Pro Leu Val Met Val Arg Lys Arg Leu
 E--> 125 35 40 45
 127 Ala Ser Glu Met Ser Ser Asn Pro Asp Tyr Asn Asn Ser Ser Arg Pro
 E--> 128 50 55 60
 130 Pro Arg Arg Val Ser His Leu Leu Asp Ser Asn Tyr Asn Thr Val Thr
 E--> 131 65 70 75 80
 133 Pro Gln Gln Pro Pro Ser Leu Thr Ala Ala Ala Thr Val Ser Ser Gln
 E--> 134 85 90 95
 136 Pro Asn Pro Pro Leu Ser Val Cys Gly Phe Ser Gly Leu Pro Val Phe
 E--> 137 100 105 110
 139 Pro Ser Asp Arg Gly Gly Arg Asn Val Met Met Ser Val Gln Pro Met
 E--> 140 115 120 125
 142 Asp Gln Asp Ser Ser Ser Ser Ser Ala Ser Pro Thr Val Trp Val Asp
 E--> 143 130 135 140
 145 Ala Ile Ile Arg Asp Leu Ile His Ser Ser Thr Ser Val Ser Ile Pro
 E--> 146 145 150 155 160
 148 Gln Leu Ile Gln Asn Val Arg Asp Ile Ile Phe Pro Cys Asn Pro Asn

*insert hard return
 ↓
 misaligned nos.*

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E--> 149          165          170          175
      151 Leu Gly Ala Leu Leu Glu Tyr Arg Leu Arg Ser Leu Met Leu Leu Asp
E--> 152          180          185          190
      154 Pro Ser Ser Ser Ser Asp Pro Ser Pro Gln Thr Phe Glu Pro Leu Tyr
E--> 155          195          200          205
      157 Gln Ile Ser Asn Asn Pro Ser Pro Pro Gln Gln Gln Gln His Gln
E--> 158          210          215          220
      160 Gln Gln Gln Gln Gln His Lys Pro Pro Pro Pro Ile Gln Gln Gln
E--> 161 225          230          235          240
      163 Glu Arg Glu Asn Ser Ser Thr Asp Ala Pro Pro Gln Pro Glu Thr Val
E--> 164          245          250          255
      166 Thr Ala Thr Val Pro Ala Val Gln Thr Asn Thr Ala Glu Ala Leu Arg
E--> 167          260          265          270
      170 Glu Arg Lys Glu Glu Ile Lys Arg Gln Lys Gln Asp Glu Glu Gly Leu
E--> 171          275          280          285
      173 His Leu Leu Thr Leu Leu Leu Gln Cys Ala Glu Ala Val Ser Ala Asp
E--> 174          290          295          300
      176 Asn Leu Glu Glu Ala Asn Lys Leu Leu Leu Glu Ile Ser Gln Leu Ser
E--> 177 305          310          315          320
      179 Thr Pro Tyr Gly Thr Ser Ala Gln Arg Val Ala Ala Tyr Phe Ser Glu
E--> 180          325          330          335
      182 Ala Met Ser Ala Arg Leu Leu Asn Ser Cys Leu Gly Ile Tyr Ala Ala
E--> 183          340          345          350
      185 Leu Pro Ser Arg Trp Met Pro Gln Thr His Ser Leu Lys Met Val Ser
E--> 186          355          360          365
      188 Ala Phe Gln Val Phe Asn Gly Ile Ser Pro Leu Val Lys Phe Ser His
E--> 189          370          375          380
      191 Phe Thr Ala Asn Gln Ala Ile Gln Glu Ala Phe Glu Lys Glu Asp Ser
E--> 192 385          390          395          400
      194 Val His Ile Ile Asp Leu Asp Ile Met Gln Gly Leu Gln Trp Pro Gly
E--> 195          405          410          415
      197 Leu Phe His Ile Leu Ala Ser Arg Pro Gly Gly Pro Pro His Val Arg
E--> 198          420          425          430
      200 Leu Thr Gly Leu Gly Thr Ser Met Glu Ala Leu Gln Ala Thr Gly Lys
E--> 201          435          440          445
      203 Arg Leu Ser Asp Phe Thr Asp Lys Leu Gly Leu Pro Phe Glu Phe Cys
E--> 204          450          455          460
      206 Pro Leu Ala Glu Lys Val Gly Asn Leu Asp Thr Glu Arg Leu Asn Val
E--> 207 465          470          475          480
      209 Arg Lys Arg Glu Ala Val Ala Val His Trp Leu Gln His Ser Leu Tyr
E--> 210          485          490          495
      212 Asp Val Thr Gly Ser Asp Ala His Thr Leu Trp Leu Leu Gln Arg Leu
E--> 213          500          505          510
      215 Ala Pro Lys Val Val Thr Val Val Glu Gln Asp Leu Ser His Ala Gly
E--> 216          515          520          525
      218 Ser Phe Leu Gly Arg Phe Val Glu Ala Ile His Tyr Tyr Ser Ala Leu
E--> 219          530          535          540
      221 Phe Asp Ser Leu Gly Ala Ser Tyr Gly Glu Glu Ser Glu Glu Arg His
E--> 222 545          550          555          560

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```

      224 Val Val Glu Gln Gln Leu Leu Ser Lys Glu Ile Arg Asn Val Leu Ala
E--> 225          565          570          575
      227 Val Gly Gly Pro Ser Arg Ser Gly Glu Val Lys Phe Glu Ser Trp Arg
E--> 228          580          585          590
      230 Glu Lys Met Gln Gln Cys Gly Phe Lys Gly Ile Ser Leu Ala Gly Asn
E--> 231          595          600          605
      233 Ala Ala Thr Gln Ala Thr Leu Leu Leu Gly Met Phe Pro Ser Asp Gly
E--> 234          610          615          620
      236 Tyr Thr Leu Val Asp Asp Asn Gly Thr Leu Lys Leu Gly Trp Lys Asp
E--> 237 625          630          635          640
      239 Leu Ser Leu Leu Thr Ala Ser Ala Trp Thr Pro Arg Ser
E--> 240          645          650

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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/265,585A

DATE: 02/01/2001
TIME: 13:58:42

Input Set : A:\5914-066 SEQUENCE LISTING.TXT
Output Set: N:\CRF3\02012001\I265585A.raw

L:119 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
M:332 Repeated in SeqNo=2
L:240 M:252 E: No. of Seq. differs, <211>LENGTH:Input:653 Found:637 SEQ:2
L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:1180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1578 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1691 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1855 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:2083 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:2194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:2380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:2452 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:2582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2648 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:2672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:2694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:2696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:2698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:2715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2718 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:2745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:2771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:2804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:2806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:2826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:2829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:2932 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67

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Input Set : A:\5914-066 SEQUENCE LISTING.TXT
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L:2937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2940 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:2952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67